

Appendix I  
LSRP Approval of RAWPA 4

## McGahan, Andrea

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**From:** Mark Fisher <mfisher@elminc.com>  
**Sent:** Tuesday, September 5, 2017 1:01 PM  
**To:** McGahan, Andrea; Schindler, Jason; Devorak, Coleen  
**Subject:** FW: Remedial Action Workplan... PI #: G000003943 - HATCO CHEMICAL CORPORATION ( LSD170001)  
**Attachments:** 99796\_LSD170001\_24996329.pdf

Certified RAW documentation. Thanks, Mark

-----Original Message-----

From: portalcomments@dep.nj.gov [mailto:portalcomments@dep.nj.gov]  
Sent: Tuesday, September 5, 2017 12:59 PM  
To: Mark Fisher <mfisher@elminc.com>; s.jones@westonsolutions.com  
Cc: webnjems@dep.nj.gov; SRP\_Online\_Support@dep.nj.gov  
Subject: Remedial Action Workplan... PI #: G000003943 - HATCO CHEMICAL CORPORATION ( LSD170001)

This e-mail serves to advise that a Remedial Action Workplan has been received by the New Jersey Department of Environmental Protection for the above referenced site.

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Email Control ID:  
27644284



## State of New Jersey

CHRIS CHRISTIE  
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BOB MARTIN  
Commissioner

KIM GUADAGNO  
Lt. Governor

### SITE REMEDIATION PROGRAM BUREAU OF INSPECTION

AND REVIEW  
401 E. STATE STREET  
P.O. BOX 420  
MAIL CODE 401-05P  
Trenton, NJ 08625-0420

LSRP: Mark Fisher  
mfisher@elminc.com

September 5, 2017

Sally Jones  
WESTON SOLUTIONS INC  
205 Campus Dr  
Edison, NJ 08837  
Phone: (732) 417-5827  
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Patrick Mccann  
President  
Weston Solutions, Inc.  
1400 Weston Way  
West Chester, PA 19380

Re: Hatco Chemical Corporation  
1020 GEORGES POST RD  
Woodbridge Twp, Middlesex  
Case Tracking #: 46643  
SRP PI: G000003943  
Activity Number Reference: % %:action\_class\_and\_id% %

Dear Mark Fisher,

This letter serves to advise you that a Remedial Action Workplan form has been received by the New Jersey Department of Environmental Protection (NJDEP) for Hatco Chemical Corporation.

On May 7, 2009, the Site Remediation Reform Act (SRRA) was enacted. SRRA establishes criteria for the licensing of site remediation professionals who will assure that contaminated sites are remediated in accordance with the Technical Requirements for site Remediation, N.J.A.C. 7:26E. SRRA authorizes the NJDEP to establish mandatory timeframes for the completion of each phase of remediation. These timeframes, as well as other requirements of the act, have been codified in regulations that became effective November 4, 2009. The complete rule can be found at [www.state.nj.us/dep/srp/regs/arcs/arcs\\_rule.pdf](http://www.state.nj.us/dep/srp/regs/arcs/arcs_rule.pdf). N.J.A.C. 7:26C-2.4 identifies the requirements with which you must comply.

Per the NJDEP records, the following depicts the Areas of Concern associated with your case:

In Submission	NJDEP ID	AOC ID	AOC TYPE	DESCRIPTION	Confirmed Contamination	STATUS	DATE
	1198807	1	Storage and staging area – Surface impoundment and lagoon	Closed Former Lagoons - received facility wastewater, discharged to the MUA. Lagoons were approximately 200 x 320 feet	Yes	RAW	8/31/2017
	1198821	10A	Storage and staging area – Storage pad and area	Active drum storage area is concrete with containment, about 40 by 70 ft. Located within AOC 6	No	SI	5/7/2016
	1198822	10B	Storage and staging area – Storage pad and area	Former drum storage was identified in 1960s era aerial photos north of Warehouse No. 5 and dirt roads/disturbed ground were also observed.	Yes	RAW	5/7/2016
	1198823	10C	Storage and staging area – Storage pad and area	Former drum storage area west of Warehouse No. 4	Yes	RAW	5/7/2016
	1198824	11A	Storage tank and appurtenance – Unreg Under ground storage tank	Former 1,000-Gallon Fuel Oil UST north of maintenance building	No	SI	5/7/2016
	1198825	11B	Storage tank and appurtenance – Unreg Under ground storage tank	Two USTs used to contain salt solution	No	SI	5/7/2016
	1198826	11C	Storage tank and appurtenance – Unreg Under ground storage tank	Former maintenance building gasoline UST	No	SI	5/7/2016
	1198827	12A	Other areas of concern – Electrical transformer and capacitor	Electrical substation is located southeast of main entrance	Yes	RAW	5/2/2016
	1198828	12B	Other areas of concern – Electrical transformer and capacitor	Former Transformer South of Substation	No	SI	5/7/2016
	1198829	12C	Other areas of concern – Electrical transformer and capacitor	Transformer North of Naphthalene ASTs	Yes	RAW	5/7/2016
	1198830	12D	Other areas of concern – Electrical transformer and capacitor	Boiler Building Transformers	No	SI	5/7/2016
	1198831	12E	Other areas of concern – Electrical transformer and capacitor	Transformer in ZAA Process Area installed circa 1984	No	PA	5/7/2016
	1198832	12F	Other areas of concern – Electrical transformer and capacitor	Two Transformers in Alcohol Tank Farm	Yes	RAR	5/7/2016
	1198833	12G	Other areas of concern – Electrical transformer and capacitor	Transformer at Administrative Building	No	PA	5/7/2016
	1198834	12H	Other areas of concern – Electrical transformer and capacitor	Transformer West of Warehouse No. 4	Yes	RI	5/7/2016
	1198835	12I	Other areas of concern – Electrical transformer and capacitor	Transformer South of Naphthalene Tanks	No	PA	5/7/2016
	1198836	12J	Other areas of concern – Electrical transformer and capacitor	Transformer at Effluent Pretreatment Plant	Yes	RAW	5/7/2016
	1198837	12K	Other areas of concern – Electrical transformer and capacitor	Pole Mounted Transformers	No	PA	5/7/2016
	1198838	13	Discharge and disposal area – Historic fill material area/other fill area	Southeast Fill Area	Yes	RAW	5/7/2016

	1198839	14	Discharge and disposal area – Historic fill material area/other fill area	Naphthalene Area - deposition of crystalline naphthalene from the phthalic anhydride process areas	Yes	RAR	5/7/2016
	1198840	15	Environmental media – Media Ground water	Sitewide Groundwater	Yes	RAW	5/7/2016
	1198841	16	Other areas of concern – Hazardous substance storage or handling area	Research and Development Laboratory included building, loading dock, former 2,000-gal heating oil UST	Yes	RAW	5/7/2016
	1198842	17	Discharge and disposal area – Historic fill material area/other fill area	"Clean Fill" Area - Disturbed ground area observed on 1931 to 1987 aerials.	No	SI	5/7/2016
	1198843	18A	Other areas of concern – Hazardous substance storage or handling area	Pilot Plant I complex includes offices, laboratories, pilot plant, drum/flammable storage area, shed and loading rack. Used 1,000 Gal Heating Oil UST	Yes	RI	5/7/2016
	1198844	18B	Other areas of concern – Hazardous substance storage or handling area	Pilot Plant II complex includes pilot plant, Building No. 8 and a compactor	Yes	RAR	8/31/2017
	1198845	19	Other areas of concern – Hazardous substance storage or handling area	ZAA Process Area	Yes	RI	5/7/2015
	1198808	2	Other areas of concern – Waste treatment area	Four former unlined settling ponds and two former muck storage areas. The settling ponds were used to treat wastewater. The muck areas received semi-solid material scraped from the bottom of the ponds.	Yes	RAW	8/31/2017
	1198846	20	Discharge and disposal area – Historic fill material area/other fill area	Area East of Sling Tail Creek - open area which appears to have been reworked/filled at the time of highway construction circa 1969	Yes	RI	5/7/2016
	1198847	21A	Drainage system and area – Drainage swale and culvert	Channel A	Yes	RAR	5/7/2016
	1198848	21B	Drainage system and area – Surface water body	Sling Tail Creek	Yes	RI	5/7/2016
	1198849	22	Drainage system and area – Building floor drain and piping	Sewer System	No	SI	5/7/2016
	1198850	23	Drainage system and area – Drainage swale and culvert	Channels B and C	Yes	RAW	5/7/2016
<b>X</b>	1198851	24	Drainage system and area – Surface water body	Woodbridge Pond	Yes	RAW	8/31/2017
	1198852	25	Drainage system and area – Drainage swale and culvert	Channel D	Yes	RI	5/7/2016
	1198809	3	Storage tank and appurtenance – Rail car	Pre-1930 to Present: Rail spur enters the central portion of site, originating to the south. Rail served/serves clay mining and chemical plant operations.	Yes	RAW	8/31/2017
	1198810	4	Other areas of concern – Any area suspected of containing contaminants	Ester I Process Area included manufacturing, AST farm, warehouses, hydrotherm building, outdoor drum storage, catch basin, loading/unloading areas	Yes	RAW	5/7/2016

	1198811	5A	Other areas of concern – Any area suspected of containing contaminants	Ester II Process Area included Ester II building, ASTs for DOP, BEHP, Fuel Oil, raw materials, intermediates and finished products, yard area	Yes	RAW	5/7/2016
	1198812	5B	Storage tank and appurtenance – Loading and unloading area	Truck loading rack west of rail spur	Yes	RAW	5/7/2016
	1198813	6	Other areas of concern – Any area suspected of containing contaminants	Phthalic anhydride plants (2), phthalic anhydride heaters (3), waste hopper, drum storage area	Yes	RAW	8/31/2017
	1198814	7A	Storage and staging area – Storage pad and area	Waste material from the phthalic anhydride process was stored on the ground in this area.	Yes	RAW	5/7/2016
	1198815	8	Discharge and disposal area – Historic fill material area/other fill area	An area of fill is located adjacent to Riverside Drive. The area has been filled and some debris may be related to road construction. Chemical data indicate facility-related compounds	Yes	RAR	5/7/2016
	1198816	9A	Storage tank and appurtenance – Above ground storage tank	Ester I Tank Farm includes 3 transfer areas, 1 drum storage area, overhead piping and approx. 60 ASTs	Yes	RAW	5/7/2016
	1198817	9B	Storage tank and appurtenance – Above ground storage tank	Alcohol Tank Farm includes 17 ASTs, loading rack, 2 cooling towers, two transformers, two ASTs for caustics, and a drum storage area	Yes	RAW	5/7/2016
	1198818	9C	Storage tank and appurtenance – Above ground storage tank	Naphthalene Tank Farm, transfer area and overhead piping	Yes	RAW	5/7/2016
	1198819	9D	Storage tank and appurtenance – Above ground storage tank	Three ASTs storing finished products were located next to a loading rack and scale. Overhead piping included.	Yes	RAW	5/7/2016
	1198820	9E	Storage tank and appurtenance – Above ground storage tank	Two No. 6 Fuel Oil ASTs (approx 27 ft and 10 feet diameter) and a 2,000 Gal Gasoline UST	Yes	RAW	5/7/2016

Note: NJDEP recommends that you keep the NJDEP ID recorded in your Master Case Inventory Document Spreadsheet.

Per the NJDEP records, the following attachments have been associated with your submission are:

ATTACHMENT TYPE	DESCRIPTION	FILE NAME	RECEIVED	DUE
Remedial Action Workplan (RAW)	Remedial Action Workplan (RAW)	2017-08-08 Draft AOC24 RAWPA-reduced.pdf	09/05/2017	
Alt. Soil Remediation Standard/Screening Level App	Alternative Soil Remediation Standard and/or Screening Level Application form	AOC24remediation_standard_notification.pdf	09/05/2017	
Alt. Soil Remediation Standard/Screening Level App	Alternative Soil Remediation Standard and/or Screening Level Application form	Rem_Standard_Form_MFisher-090517.pdf	09/05/2017	
Signed Affidavit	Authorization to Submit through NJDEP Online	2017-08-30_Signed Auth for RI.pdf	09/05/2017	

The table above displays attachments associated with your submittal. The NJDEP will proceed with its inspection of your submission at this time. You may view the status of your submission via the NJDEP DataMiner service, at <https://www13.state.nj.us/DataMiner>.

Sincerely,



Myrna Campion, Bureau Chief  
BUREAU OF INSPECTION AND REVIEW



**LSRP - RAW (Area of Concern)**

**There are no additional hard copy submissions required at this time**